

INTERNATIONAL SEARCH REPORT

International Application No
PCT/IB2004/051463

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G09G3/36

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G09G

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 911 798 A (CANON KK) 28 April 1999 (1999-04-28) paragraphs '0007!', '0008!', '0034!', '0042! - '0044!', '0047!', '0050!; figure 1	1,2,4-7
X	US 2002/175907 A1 (NAKAMURA HAJIME ET AL) 28 November 2002 (2002-11-28) paragraphs '0007!', '0008!', '0034!', '0042! - '0044!', '0047!', '0050!; figures 1,4,6	1-3,5-7
A	US 6 556 180 B1 (FURUHASHI TSUTOMU ET AL) 29 April 2003 (2003-04-29) column 5, line 32 - column 6, line 33; figure 1	1-7
	----- -/-	



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
 "E" earlier document but published on or after the international filing date
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
 "O" document referring to an oral disclosure, use, exhibition or other means
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

12 November 2004

Date of mailing of the international search report

01/12/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Kunze, H

INTERNATIONAL SEARCH REPORT

International Application No

PCT/IB2004/051463

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 2002/196218 A1 (HAM YONG SUNG) 26 December 2002 (2002-12-26) paragraphs '0023! - '0048!; figure 9 -----	1-7

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/IB2004/051463

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
EP 0911798	A	28-04-1999	JP	3403032 B2		06-05-2003
			JP	11126052 A		11-05-1999
			EP	0911798 A2		28-04-1999
			US	2002015014 A1		07-02-2002
US 2002175907	A1	28-11-2002	JP	2002351409 A		06-12-2002
US 6556180	B1	29-04-2003	JP	2001117074 A		27-04-2001
			EP	1094437 A2		25-04-2001
			TW	493147 B		01-07-2002
			US	2003117358 A1		26-06-2003
US 2002196218	A1	26-12-2002	CN	1407530 A		02-04-2003
			JP	2003036064 A		07-02-2003
			KR	2002094990 A		20-12-2002